

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires July 31, 1996

5. Lease Serial No.  
Jicarilla Contract 428

6. If Indian, Allottee or Tribe Name  
Jicarilla Apache Tribe

7. If Unit or CA/Agreement, Name and/or No.  
RCVD SEP 26 '07  
OIL CONS. DIV.

8. Well Name and No.  
Jicarilla Contract 428 #2 DIST. 3

9. API Well No.  
30-043-20178

10. Field and Pool, or Exploratory Area  
S. Lindrith GP-DK, etc.

11. County or Parish, State  
Sandoval County, NM

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. ☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
Elm Ridge Exploration Company, LLC

3a. Address  
P.O. Box 156 Bloomfield, NM 87413

3b. Phone No. (include area code)  
(505) 632-3476 ext. 203

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
790' FNL X 790' FEL Sec.31-T23N-R4W NE/NE

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans <input checked="" type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Elm Ridge Exploration Co LLC plugged and abandoned this well on 9-12-07 as follows: PLUG 1) Spot a balance plug csg and 1 1/4" tbg @ 2076'-1576'. Pumped 15 sks reverse out and pumped 28 more sks of cement. Tagged cement @ 1997'. Pumped 28 sks from 1997'-997'. Pumped 22 sks for 1194'-397' plug. Ended with 15 sks of cement from 397' to surface. PLUG 2) Set a balanced plug in 2 3/8" tbg from 6240' to 5112'. Pumped 90 sks of cement. Pumped 16 sks for 5260' - 5112' plug. Pumped 12 sks for 5145'-5112'. PLUG 3) Set balanced plug from 3679'-3579'. Pumped 12 sks. Tagged up @ 3660' and pumped 30 sks of cement to top off plug 3. PLUG 4) Set balanced plug from 2580'-2480'. Pumped 12 sks. Spot cement for plug from 2598'-2480'. Pumped 20 more sks. Tagged @ 2504'. Pumped 12 sks from 2504'-2480'. PLUG 5) Set a balanced plug from 2040'-1799'. Pumped 23 sks of cement. Pumped 27 sks more. Tagged up @ 1780'. PLUG 6) Shot 4 holes @ 1723'. Set Retainer @ 1673'. Pumped 93 sks below retainer and 4 sks on top. PLUG 7) Shot 4 holes @ 375'. Pumped 161 sks of cement through casing to surface. **NOTE: ALL CHANGES WERE VERBALLY APPROVED BY THE BLM AND THE NMOCD.**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) Amy Mackey	Title Administrative Manager
Signature <i>Amy Mackey</i>	Date September 20, 2007

THIS SPACE FOR FEDERAL OR STATE USE

Approved by	Title	Date
Office		

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

ACCEPTED FOR RECORD

NMOCD

SEP 25 2007

FARMINGTON FIELD OFFICE

<b>SUPERIOR JOB LOG</b>				TICKET # <b>36-000575</b>		TICKET DATE <b>9/6/2007</b>	
REGION <b>NORTH AMERICA LAND</b>		NWA / COUNTRY <b>ROCKY MOUNTAIN</b>		BDA / STATE <b>NM</b>		COUNTY <b>RIO ARRIBA</b>	
MBU ID / EMPL #		H.E.S EMPLOYEE NAME <b>SHELDON JONES</b>		PSL DEPARTMENT <b>ZONAL ISOLATION</b>			
LOCATION <b>FARMINGTON, NM</b>		COMPANY <b>ELMRIDGE RESOURCES</b>		CUSTOMER REP / PHONE <b>LEONARD DEE #505-215-5172</b>			
TICKET AMOUNT		WELL TYPE <b>02 GAS</b>		API/UWI #			
WELL LOCATION <b>LAND</b>		DEPARTMENT <b>Cement</b>		JOB PURPOSE CODE		Description <b>PLUG TO ABANDON</b>	
LEASE / WELL # <b>JICARILLA CONTRACT 428</b>		Well No <b>#2</b>		SEC /		TWP / RNG	
Chart No.	Time	Rate (BPM)	Volume (BBL)(GAL)	Pmps T C	Press.(PSI) Tbg Csg	Job Description / Remarks	
9/5/2007	8:30					ARRIVED ON LOCATION	
	8:35					LOCATION ASSESSMENT & SAFETY MEETING	
	8:35					SPOT AND RIG UP EQUIPMENT	
						RIG IS RUNNING TUBING IN THE HOLE	
						TUBING SET @2076'	
						RIG UP TO TUBING	
						START JOB PLUG #1	
						1.25" TUBING IN 2 7/8" CASING	
						LOAD HOLE 11BBLs, 30BBLs CLEAN OUT	
	11:00	1.5	3.5		120	PUMP CEMENT @15.6# 15SKS	
	11:10	1.5	2.5		75	PUMP DISPLACEMENT TO 1369', 2.5 BBLs	
	11:45					CHECK PLUG, (PLUG BALANCE IS GOOD)	
	11:58					PULL UP HOLE AND REVERSE CIRCULATE	
						PACKER NOT RETRIEVED ALONG WITH 400' OF TUBING	
						SQUEEZE AROUND PKR AND TBG TO PERFS.	
	12:33	1	5		240	LOAD HOLE 5BBLs	
		1	7		150	PUMPED TOTAL 7 BBLs SQUEEZED AWAY CEMENT	
						SHUT IN WELL 150PSI	
	13:30					END JOB	
6-Sep	9:25					ARRIVED ON LOCATION	
						DID NOT TAG CEMENT	
						TUBING SET @2076'	
						START JOB PLUG #2	
						CASING DID NOT TEST INJECTION RATE 1.5BPM 800PSI	
	10:12	1.5	4.3		120	PUMP CEMENT @15.6# 20SKS	
	10:22	0.5	3.7		1250	SHUT IN BACK SIDE PUMP DISPLACEMENT TO 2000', 3 7BBLs	
		2	5			PULL UP HOLE AND REVERSE CIRCULATE	
		0.5			500	PULL ONE STAND PRESSURE UP WELL TO 500PSI	
						TAGGED CEMENT 2012'	
						START JOB PLUG #3	
	13:14	1	2			PUMP H2O	
	13:17	1	5.88		950	PUMP CEMENT @15.6# 28SKS NEAT	
		1	1.6		1500	PUMP DISPLACEMENT TO 891', 1 6BBLs	
						PULL TUBING UP HOLE TO 1170'	
						START JOB PLUG #4	
	13:42	1.5	3			PUMP CEMENT @15.6# 22SKS	
	13:48					PUMP DISPLACEMENT TO 300', 5 BBL	
						PULL UP HOLE AND REVERSE CIRCULATE	
						START JOB PLUG #5	
	14:16					PUMP CEMENT @15.6# 15SKS	

# JOB LOG

**36-000575**

**9/6/2007**

## NORTH AMERICA LAND

## ROCKY MOUNTAIN

BDA / STATE  
NM

## RIO ARRIBA

MBU ID / EMPL #

H.E.S EMPLOYEE NAME

PSL DEPARTMENT

**SHELDON JONES**

## ZONAL ISOLATION

LOCATION  
**FARMINGTON, NM**

COMPANY  
**ELMRIDGE RESOURCES**

CUSTOMER REP / PHONE  
**LEONARD DEE #505-215-5172**

TICKET AMOUNT

WELL TYPE

API/UVI #

**WELL LOCATION**

DEPARTMENT

**JOB PURPOSE CODE**

### Description

## LAND

## Cement

## PLUG TO ABANDON

LEASE / WELL #

Well No.

**SEC 1**

**TWP.**

**RNG**

JICARILLA CONTRACT 428

**#2**

[illegible]

SUPERIOR WELL SERVICES WEST-07a-SALES & SERVICE FIELD INVOICE						
INVOICE NUMBER                  36- 000575						
INVOICE DATE                    August 10, 2007						
INVOICE PAGE                    1      of      1						
CHARGE TO <b>ElmRidge Resources</b>						
LEASE NAME OR PROJECT <b>JICARILLA CONTRACT 428 #2</b>						
ADDRESS                               STATE                               COUNTY						
NM                                       RIO ARRIBA						
ADDRESS                               FIELD                               WELL PERMIT NUMBER						
30-043-20178						
OWNER                                   SERVICE SUPERVISOR						
Sheldon Jones						
PURCHASE ORDER / REFERENCE                  JOB TYPE                  ON LOCATION                  COMPLETED						
TIME                  8:45                  TIME                  15:30						
DATE                  9/5/2007                  DATE                  9/6/2007						
SIGNATURE                  NAME (PLEASE PRINT)                  I have read, understood and agreed to the terms and conditions printed on the reverse side hereof which include, but are not limited to, LIMITED WARRANTY, INDEMNITY, RELEASE and PAYMENT and represent that I have full power and authority to execute this agreement.						
<b>X</b> Leonard Dee						
LOC	ITEM	QTY	DESCRIPTION	DISC ACCT	UNIT PRICE	AMOUNT
REFERENCE						
36	20-200-0001	85	Mileage DOT Units - Cmt - per unit, per mile, one way	-	7.30	620.50
36	20-200-0002	170	Mileage non-DOT Units -Cmt - per unit, per job	-	4.10	697.00
36	20-200-0008	8,670	Bulk Cement Delivery - per sack, per one way mile	-	0.16	1,387.20
36	20-200-0007	1	Minimum Cement Delivery - per unit, per job	-	761.00	761.00
36	25-305-1000	102	Cement 'A' - per sack	-	21.30	2,172.60
36	20-225-0030	1	Pressure Pumped 2,001 to 3,000 psi - first 3 hrs, per unit	-	2,690.00	2,690.00
36	20-225-1010	-	Additional Pumping 501 to 1,000 psi - per unit, per hour	-	469.00	-
36	20-299-0008	1	AccuDat Recording System- each, per job	-	1,180.00	1,180.00
36	20-225-1000	4	Pressure Pumped Stand-by - per unit, per hour	-	492.00	1,968.00
36	25-300-0002	50	Calcium Chloride (CaCl2) - per pound	-	0.91	45.50
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
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-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
Continuation Page \$						-
CUSTOMER OR AGENT SIGNATURE / COMMENTS						
<b>X</b>						
Subtotal \$						11,521.80
Discounts 48.00% \$						(5,530.46)
Allowances \$						-
Subtotal \$						5,991.34
Fuel	Surcharges	2.00%	\$			119.83
Total \$						6,111.16
NM Sales Tax 0.00% \$						-
DUE \$						6,111.16
Receipt: The customer or customer's agent acknowledges that the equipment, materials and services were received as listed on this field invoice. Terms: Net 30 days. Finance charge 1.5% per month on past due accounts. Applicable taxes will be added on invoice.						

<b>SUPERIOR JOB LOG</b>							TICKET # <b>36-000585</b>	TICKET DATE <b>9/15/2007</b>
REGION <b>NORTH AMERICA LAND</b>		MWA / COUNTRY <b>ROCKY MOUNTAIN</b>			BDA / STATE <b>NM</b>		COUNTY <b>RIO ARriba</b>	
MBU ID / EMPL #		S.W.S EMPLOYEE NAME <b>JOAQUIN MEZA</b>			PSL DEPARTMENT <b>ZONAL ISOLATION</b>			
LOCATION <b>FARMINGTON, NM</b>		COMPANY <b>ELMRIDGE RESOURCES</b>			CUSTOMER REP / PHONE <b>LEONARD DEE #505-215-5172</b>			
TICKET AMOUNT		WELL TYPE <b>02 GAS</b>			API/UWI #			
WELL LOCATION <b>LAND</b>		DEPARTMENT <b>Cement</b>			JOB PURPOSE CODE		Description <b>P.T.A</b>	
LEASE / WELL # <b>JICARILLA CONTRACT</b>		Well No. <b>428#2</b>	SEC /		TWP /		RNG	
Chart No.	Time	Rate (BPM)	Volume (BBL)(GAL)	Pmps T. C	Press.(PSI) Tbg. Csg.	Job Description / Remarks		
9/10/2007	09:00							ARRIVED ON LOCATION
	09:15							LOCATION ASSESSMENT & SAFETY MEETING
	09:30							SPOT AND RIG UP TO TUBING, SET @ 6240 FIRST PLUG
	11:15					1500		START JOB TEST LINES 1500 PSI
	11:30	2.5	90			580		CIRCULATE HOLE, BOTTOMS UP 90 BBLs H2O
	13:00	3	19			880		START ON CEMENT 19 BBLs MIXED AT 15.6 # 90 SK
	13:15	3.5	17			980		FOLLOWED BY DISPLACEMENT 17 BBLs H2O
	13:30							SHUT DOWN, RIG DOWN, RIG REV. OUT
	14:00							END JOB, LEAVE LOCATION
9/11/2007	09:00							ARRIVED ON LOCATION
	09:30							LOCATION ASSESSMENT & SAFETY MEETING
								TAG @ 5269, TUBING SET @ 5269, SECOND PLUG
	09:50	2	5			580		ESTABLISH RATE
	09:55	3	3			755		START ON CEMENT 3 BBLs MIXED @ 15.6 # 15 SK
	10:00	3	18.5			820		FOLLOWED BY DISPLACEMENT 18.5 BBLs H2O
	10:10							SHUT DOWN RIG DOWN, RIG REV OUT
								TOC @ 5145, TUBING SET @ 5145 THIRD PLUG
	09:50	2	5			320		ESTABLISH RATE
	09:55	3	2.5			480		START ON CEMENT 2.5 BBLs MIXED @ 15.6 # 12 SK
	10:00	3	18			520		FOLLOWED BY DISPLACEMENT 18 BBLs H2O
	10:10							SHUT DOWN, RIG DOWN, RIG REV OUT
9/12/2007	09:00							ARRIVED ON LOCATION
	09:05							LOCATION ASSESSMENT AND SAFETY MEETING
								TOC. @ 5069, TUBING SET @ 3679 FOURTH PLUG
	09:50	2	5			300		ESTABLISH RATE
	09:55	3	2.5			420		START ON CEMENT 2.5 BBLs MIXED @ 15.6 # 12 SK
	10:00	3	12.5			480		FOLLOWED BY DISPLACEMENT 12.5 BBLs H2O
	10:10							SHUT DOWN ,RIG DOWN, RIG REV OUT
								TOC @ 3673, TUBING SET @ 3673 FIFTH PLUG
	13:20	2	5			280		ESTABLISH RATE
	13:25	3	3			320		START ON CEMENT 3 BBLs MIXED @ 15.6 # 15 SK
	13:35	3	12.5			480		FOLLOWED BY DISPLACEMENT 12.5 BBLs H2O
	13:40							SHUT DOWN ,RIG DOWN, RIG REV OUT
								TOC @ 3609, TUBING SET @ 3609 SIXTH PLUG
	16:05	2	5			260		ESTABLISH RATE
	16:10	3	3			280		START ON CEMENT 3 BBLs MIXED @ 15.6 # 15 SK
	16:20	3	12			420		FOLLOWED BY DISPLACEMENT 12 BBLs H2O
	16:25							SHUT DOWN ,RIG DOWN, RIG REV OUT

SUPERIOR JOB LOG				TICKET #		TICKET DATE		
REGION				NWA / COUNTRY		BDA / STATE		
NORTH AMERICA LAND				ROCKY MOUNTAIN		NM		
MBU ID / EMPL #				H.E.S. EMPLOYEE NAME		PSL DEPARTMENT		
LOCATION				JOAQUIN MEZA		ZONAL ISOLATION		
FARMINGTON, NM				COMPANY		CUSTOMER REP / PHONE		
TICKET AMOUNT				ELMRIDGE RESOURCES		LEONARD DEE #505-215-5172		
WELL LOCATION				WELL TYPE		API/UMI #		
LAND				02 GAS				
LEASE / WELL #				DEPARTMENT		JOB PURPOSE CODE		
JICARILLA CONTRACT				Cement		P.T.A		
Well No.				SEC /		TWP /		
428#2						RNG		
Chart No.	Time	Rate (BPM)	Volume (BBL)(GAL)	Pmps T	C	Press.(PSI) Tbg	Csg	Job Description / Remarks
9/13/2007	09:00							ARRIVED ON LOCATION
								LOCATION ASSESMENT AND SAFETY MEETING
								TAG @ 3445, TUBING SET @ 2580 SEVETH PLUG
	10:10	2	5			320		ESTABLISH RATE
	10:15	3	2.5			380		START ON CEMENT 2.5 BBLs MIXED @ 15.6 # 12 SK
	10:25	3	8			420		FOLLOWED BY DISPLACEMENT 8 BBLD OF H2O
								SHUT DOWN, RIG DOWN, RIG REV. OUT
								DID NOT TAG, TUBING SET @ 2565 EIGHTH PLUG
	13:20	2	5			280		ESTABLISH RATE
	13:25	3	4			220		START ON CEMENT 4 BBLs MIXED @ 15.6 # 20 SK
	13:30	3	8			200		FOLLOWED BY DISPLACEMENT 8 BBLD OF H2O
								SHUT DOWN, RIG DOWN, RIG REV. OUT
								TAG @ 2504, TUBING SET @ 2504 NINTH PLUG
	16:40	2	5			260		ESTABLISH RATE
	16:45	3	2.5			240		START ON CEMENT 2.5 BBLs MIXED @ 15.6 # 12 SK
	16:50	3	8			220		FOLLOWED BY DISPLACEMENT 8 BBLD OF H2O
								SHUT DOWN, RIG DOWN, RIG REV. OUT
9/14/2007	09:00							ARRIVED ON LOCATION
								TUBING SET @ 2040 TENTH PLUG
	10:05	2	5			220		ESTABLISH RATE
	10:10	3	5			240		START ON CEMENT 5 BBLs MIXED @ 15.6 # 24 SK
	10:15	3	5.5			260		FOLLOWED BY DISPLACEMENT 5.5 BBLs H2O
	10:20							SHUT DOWN, RIG DOWN, RIG REV OUT
								DID NOT TAG, TUBING SET @ 2040 ELEVENTH PLUG
	13:25	2	5			180		ESTABLISH RATE
	13:30	3	5.7			200		START ON CEMENT 5.7 BBLs MIXED @ 15.6 # 27 SK
	13:35	3	5			220		FOLLOWED BY DISPLACEMENT 5 BBLs H2O
	13:40							SHUT DOWN, RIG DOWN, RIG REV OUT
								RETAINER SET @ 1673 TWELVETH PLUG
	17:30	2	5			1380		ESTABLISH RATE
	17:35	2	20			1380		START ON CEMENT 20 BBLs MIXED @ 15.6 # 97 SK
	17:50	1	6.5			1600		FOLLOWED BY DISPLACEMENT 6.5
								SHUT DOWN, RIG DOWN, RIG REV OUT
9/15/2007	08:00							ARRIVED ON LOCATION
	09:00	4	10			150		ESTABLISH RATE
	09:05	3	34			890		START ON CEMENT 34 BBLs MIXED @ 15.6 # 161 SK
	09:30							CIRCULATED CEMENT TO SURFACE



# **CEMENT JOB SUMMARY SHEET**

**Job Type**

**PLUG TO ABANDON**

				<i>Measure</i>	
<b>Casing</b>	<b>Size</b>	<b>Weight</b>	<b>Grade</b>	<b>d Depth</b>	<b>Total Casing</b>
<b>Surface</b>	<b>10 3/4"</b>	<b>32.75#</b>		<b>230'</b>	<b>230'</b>
<b>Intermediate</b>					
<b>Production</b>	<b>4.5"</b>	<b>10.5#</b>		<b>6631'</b>	<b>6631'</b>
<b>Tubing</b>					<b>6975'</b>
<b>Drill Pipe</b>	<b>2 7/8"</b>	<b>6.4#</b>		<b>6975'</b>	
<b>Open Hole</b>	<b>9 7/8"</b>			<b>2750'</b>	

## **CEMENT DATA**

<b>Spacer</b>	<b>0 Bbls</b>			
<b>Cement 1</b>	<b>STD</b>			<b>17 Sacks</b>
<b>Additives</b>	<b>NEAT</b>			
	<b>Weight (lb/gal)</b>	<b>15.60</b>	<b>Yield (cuft/sk)</b>	<b>1.18</b>
			<b>Water (gal/sk)</b>	<b>5.20</b>
<b>Cement 2</b>	<b>STD</b>			<b>20 Sacks</b>
<b>Additives</b>	<b>2% C.C.</b>			
	<b>Weight (lb/gal)</b>	<b>15.60</b>	<b>Yield (cuft/sk)</b>	<b>1.18</b>
			<b>Water (gal/sk)</b>	<b>5.20</b>
<b>Cement 3</b>	<b>STD</b>			<b>28 Sacks</b>
<b>Additives</b>	<b>NEAT</b>			
	<b>Weight (lb/gal)</b>	<b>15.60</b>	<b>Yield (cuft/sk)</b>	<b>1.18</b>
			<b>Water (gal/sk)</b>	<b>5.20</b>
<b>Cement 4</b>	<b>STD</b>			<b>22 Sacks</b>
<b>Additives</b>	<b>NEAT</b>			
	<b>Weight (lb/gal)</b>	<b>15.60</b>	<b>Yield (cuft/sk)</b>	<b>1.18</b>
			<b>Water (gal/sk)</b>	<b>5.20</b>
<b>Cement 5</b>	<b>STD</b>			<b>15 Sacks</b>
<b>Additives</b>	<b>NEAT</b>			
	<b>Weight (lb/gal)</b>	<b>15.60</b>	<b>Yield (cuft/sk)</b>	<b>1.18</b>
			<b>Water (gal/sk)</b>	<b>5.20</b>
<b>Cement 6</b>	<b>STD</b>			<b>Sacks</b>
<b>Additives</b>	<b>NEAT</b>			
	<b>Weight (lb/gal)</b>	<b>15.60</b>	<b>Yield (cuft/sk)</b>	<b>1.18</b>
			<b>Water (gal/sk)</b>	<b>5.20</b>
<b>Cement 7</b>	<b>STD</b>			<b>Sacks</b>
<b>Additives</b>	<b>NEAT</b>			
	<b>Weight (lb/gal)</b>	<b>15.60</b>	<b>Yield (cuft/sk)</b>	<b>1.18</b>
			<b>Water (gal/sk)</b>	<b>5.20</b>
<b>Cement 8</b>	<b>STD</b>			<b>Sacks</b>
<b>Additives</b>	<b>NEAT</b>			
	<b>Weight (lb/gal)</b>	<b>15.60</b>	<b>Yield (cuft/sk)</b>	<b>1.18</b>
			<b>Water (gal/sk)</b>	<b>5.20</b>
<b>Cement 9</b>	<b>STD</b>			<b>Sacks</b>
<b>Additives</b>	<b>NEAT</b>			
	<b>Weight (lb/gal)</b>	<b>15.60</b>	<b>Yield (cuft/sk)</b>	<b>1.18</b>
			<b>Water (gal/sk)</b>	<b>5.20</b>
<b>Cement 10</b>	<b>STD</b>			<b>Sacks</b>
<b>Additives</b>	<b>NEAT</b>			
	<b>Weight (lb/gal)</b>	<b>15.60</b>	<b>Yield (cuft/sk)</b>	<b>1.18</b>
			<b>Water (gal/sk)</b>	<b>5.20</b>
<b>Displacement</b>	<b>H2O</b>		<b>8.33 (lb/gal)</b>	

## **CEMENTING EQUIPMENT**

<b>Provider</b>			
<b>Guide Shoe</b>	<b>ea.</b>	<b>Centralizers</b>	<b>ea.</b>
<b>Float Shoe</b>	<b>ea.</b>	<b>Plug Type</b>	<b>ea.</b>
<b>Float Collar</b>	<b>ea.</b>	<b>Packer</b>	<b>ft.</b>
<b>DV Tool</b>	<b>ft.</b>	<b>Retainer</b>	<b>ft.</b>